

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010129

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D215/40 A61K31/4706 A61P25/18 A61P25/28 A61P25/22
A61P3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/100822 A (JENMALM JENSEN ANNIKA ; MOTT ANDREW (SE); THOR MARKUS (SE); BIOVITRUM) 19 December 2002 (2002-12-19) page 3, line 10 - line 18; claims 1,17-24; tables I-VI	1,3-8
A	WO 00/63203 A (ALLELIX BIOPHARMA) 26 October 2000 (2000-10-26) claims 1,17-20	1,3-8
A	US 6 251 893 B1 (SLASSI ABDELMALIK ET AL) 26 June 2001 (2001-06-26) claims 1,25,29,30	1,3-8
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

23 November 2004

Date of mailing of the international search report

06/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Hass, C

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/010129

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/042208 A (BOETTCHER HENNING ; MERCK PATENT GMBH (DE); VAN AMSTERDAM CHRISTOPH (D) 22 May 2003 (2003-05-22) page 24, compound Ia claims 1,6-14	1,3-8
A	WO 03/037872 A (HAEBERLEIN MARKUS ; SOHN DANIEL (SE); ASTRAZENECA AB (SE); DAVENPORT T) 8 May 2003 (2003-05-08) abstract; claims 1,41-43; examples 88-91,98-100	1,3-8
A	WO 03/037871 A (HAEBERLEIN MARKUS ; SOHN DANIEL (SE); ASTRAZENECA AB (SE); DAVENPORT T) 8 May 2003 (2003-05-08) abstract; claims 1,41-43; examples 88-91,98-100	1,3-8
A	WO 00/42026 A (CORNELIS DE JONG JOHANNES ; KODRA JANOS TIBOR (DK); PETTERSON INGRID V) 20 July 2000 (2000-07-20) cited in the application claims 1,51,52; examples	1,3,4
A,P	WO 03/080580 A (JOHNSON CHRISTOPHER NORBERT; WADE CHARLES EDWARD (GB); AHMED MAHMOOD) 2 October 2003 (2003-10-02) claims 1-20,22-30	1-8

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/010129

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 8 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010129

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02100822	A	19-12-2002	BR 0210291 A CA 2445653 A1 EP 1412325 A1 WO 02100822 A1 US 2003158202 A1	13-07-2004 19-12-2002 28-04-2004 19-12-2002 21-08-2003
WO 0063203	A	26-10-2000	WO 0063203 A1 AU 3403599 A CA 2370147 A1 EP 1173432 A1 JP 2002542241 T	26-10-2000 02-11-2000 26-10-2000 23-01-2002 10-12-2002
US 6251893	B1	26-06-2001	AT 251163 T AU 765256 B2 AU 4253199 A CA 2335285 A1 WO 9965906 A1 DE 69911798 D1 DE 69911798 T2 DK 1105393 T3 EP 1105393 A1 ES 2209525 T3 JP 2003523922 T	15-10-2003 11-09-2003 05-01-2000 23-12-1999 23-12-1999 06-11-2003 01-07-2004 09-02-2004 13-06-2001 16-06-2004 12-08-2003
WO 03042208	A	22-05-2003	BR 0214046 A CA 2467081 A1 WO 03042208 A1 EP 1444229 A1	13-10-2004 22-05-2003 22-05-2003 11-08-2004
WO 03037872	A	08-05-2003	CA 2465350 A1 EP 1451158 A1 WO 03037872 A1	08-05-2003 01-09-2004 08-05-2003
WO 03037871	A	08-05-2003	BR 0213748 A CA 2465344 A1 EP 1451157 A1 WO 03037871 A1	19-10-2004 08-05-2003 01-09-2004 08-05-2003
WO 0042026	A	20-07-2000	AU 3033500 A WO 0042026 A1 EP 1147094 A1 JP 2002534512 T	01-08-2000 20-07-2000 24-10-2001 15-10-2002
WO 03080580	A	02-10-2003	WO 03080580 A2	02-10-2003

BEST AVAILABLE COPY